

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101424\
 Data File : VX043377.D
 Acq On : 14 Oct 2024 13:10
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 15 01:44:21 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100124W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 02 16:50:57 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

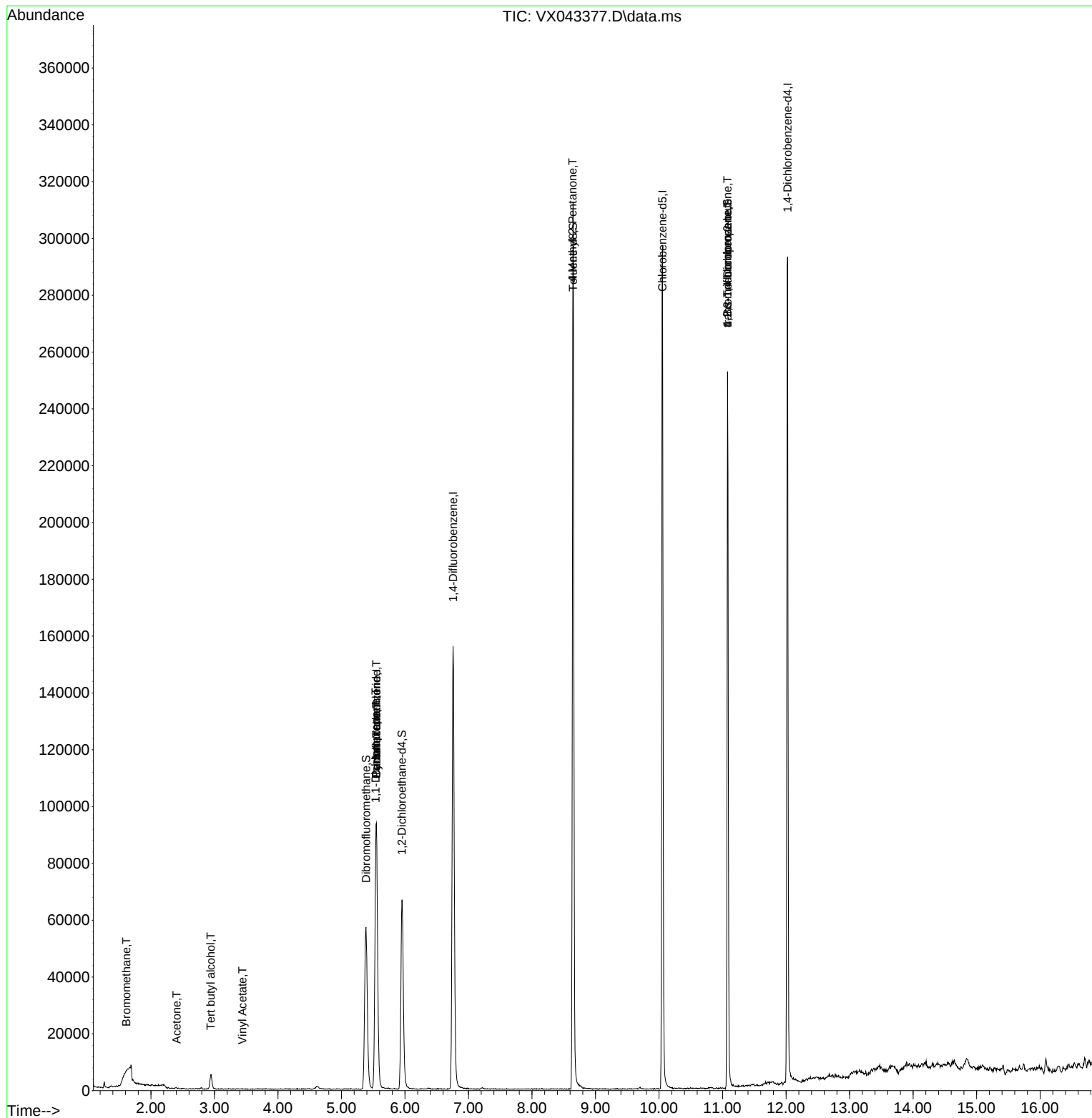
Internal Standards						
1) Pentafluorobenzene	5.550	168	86549	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	160023	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	134417	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	59833	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	69847	49.415	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	98.840%
35) Dibromofluoromethane	5.385	113	51111	46.314	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.620%
50) Toluene-d8	8.647	98	185971	48.627	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	97.260%
62) 4-Bromofluorobenzene	11.079	95	68508	49.308	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	98.620%
Target Compounds						
					Qvalue	
5) Bromomethane	1.611	94	89	0.210	ug/l	100
11) Tert butyl alcohol	2.940	59	2859	10.629	ug/l #	71
16) Acetone	2.404	43	461	0.781	ug/l #	47
23) Vinyl Acetate	3.440	43	33	6.348	ug/l #	71
31) Cyclohexane	5.550	56	2308	1.513	ug/l #	46
36) 1,1-Dichloropropene	5.537	75	7780	5.580	ug/l #	50
38) Carbon Tetrachloride	5.550	117	9486	5.748	ug/l #	14
51) 4-Methyl-2-Pentanone	8.641	43	959	0.571	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	36742	27.685	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	36742	71.749	ug/l #	8

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Oct 15 01:44:21 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100124W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 02 16:50:57 2024
Response via : Initial Calibration



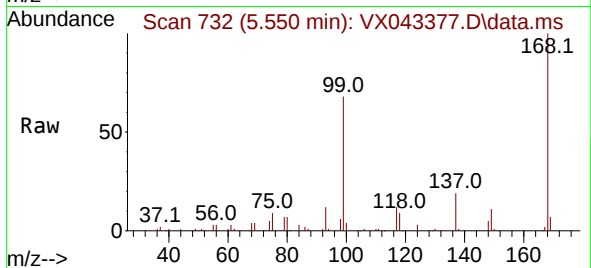


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX043377.D
Acq: 14 Oct 2024 13:10

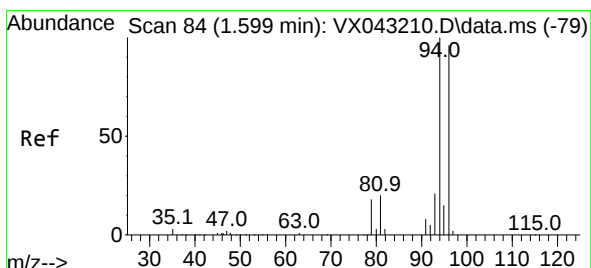
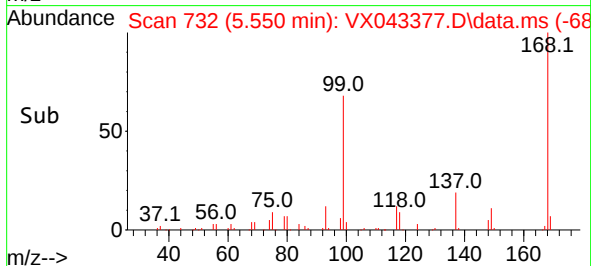
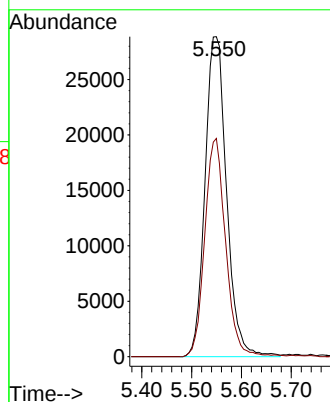
Instrument :

MSVOA_X

ClientSampleId :

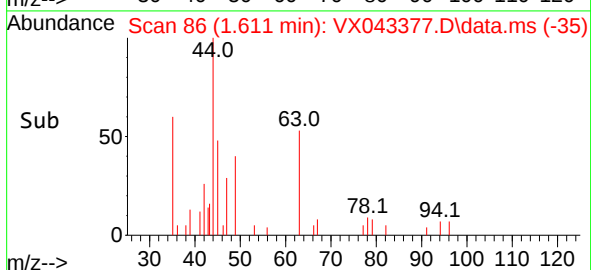
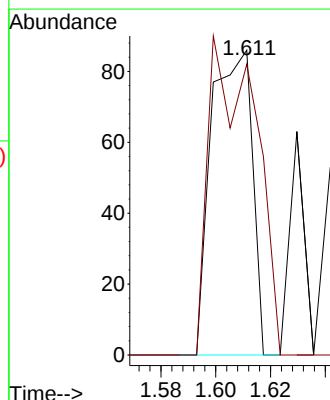
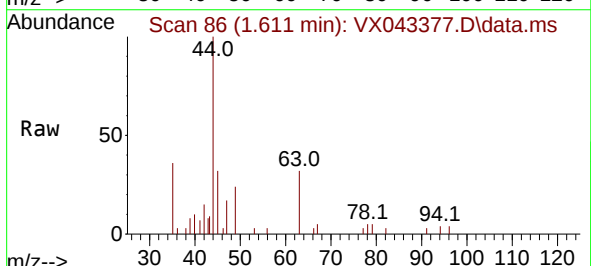


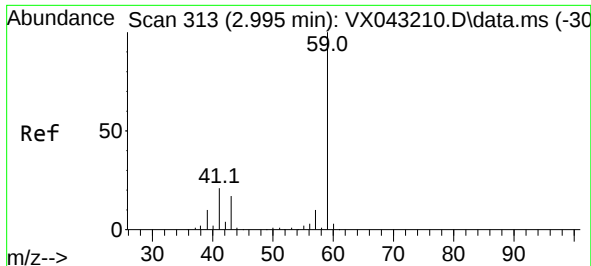
Tgt Ion:168 Resp: 86549
Ion Ratio Lower Upper
168 100
99 68.2 49.7 74.5



#5
Bromomethane
Concen: 0.210 ug/l
RT: 1.611 min Scan# 86
Delta R.T. 0.012 min
Lab File: VX043377.D
Acq: 14 Oct 2024 13:10

Tgt Ion: 94 Resp: 89
Ion Ratio Lower Upper
94 100
96 95.3 76.6 115.0





#11

Tert butyl alcohol

Concen: 10.629 ug/l

RT: 2.940 min Scan# 304

Delta R.T. -0.055 min

Lab File: VX043377.D

Acq: 14 Oct 2024 13:10

Instrument :

MSVOA_X

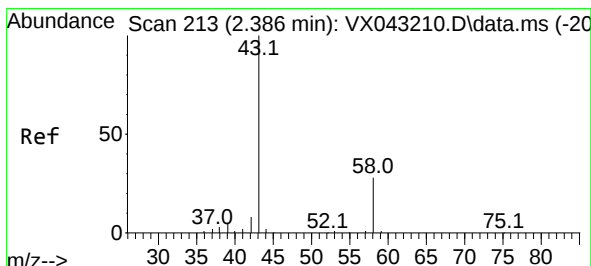
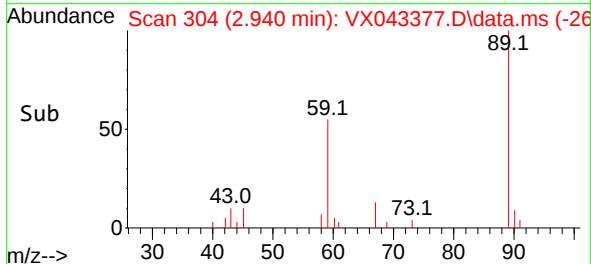
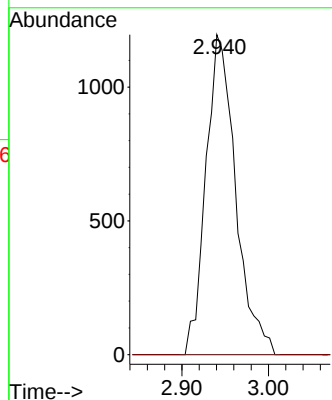
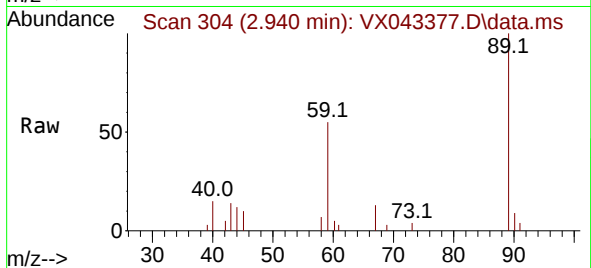
ClientSampleId :

Tgt Ion: 59 Resp: 2859

Ion Ratio Lower Upper

59 100

57 0.0 8.6 13.0#



#16

Acetone

Concen: 0.781 ug/l

RT: 2.404 min Scan# 216

Delta R.T. 0.018 min

Lab File: VX043377.D

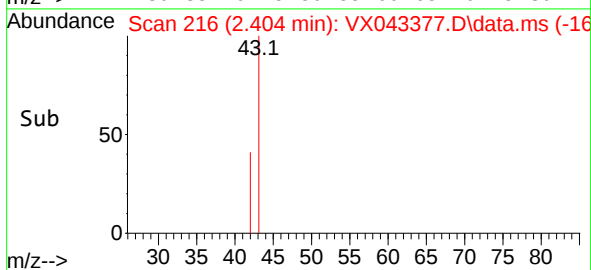
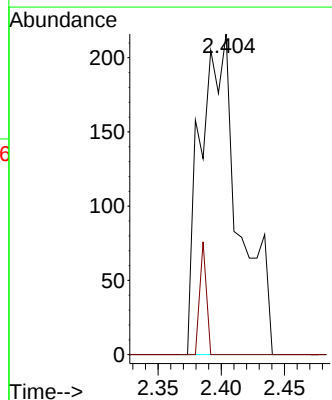
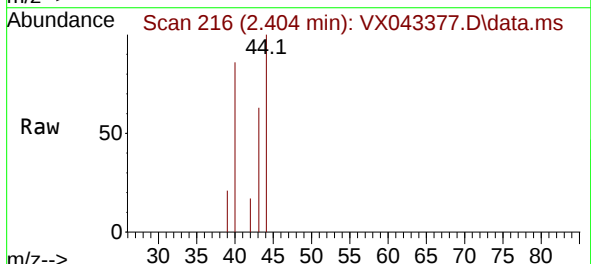
Acq: 14 Oct 2024 13:10

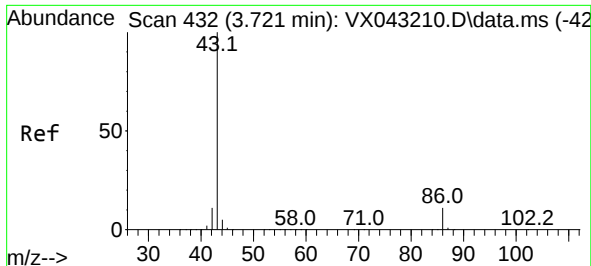
Tgt Ion: 43 Resp: 461

Ion Ratio Lower Upper

43 100

58 0.0 22.6 33.8#

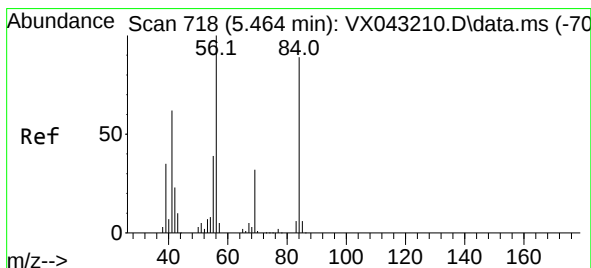
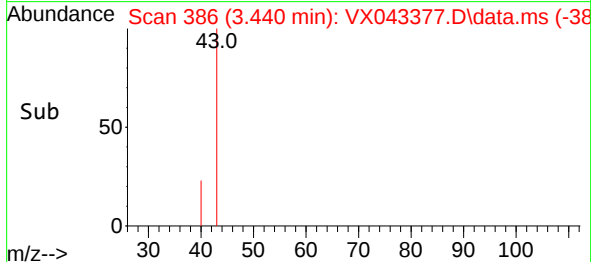
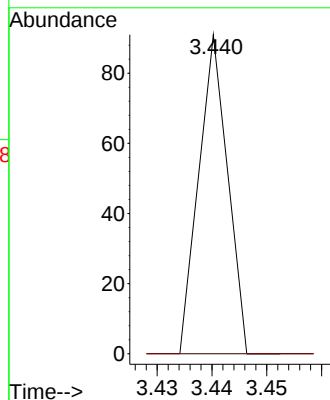
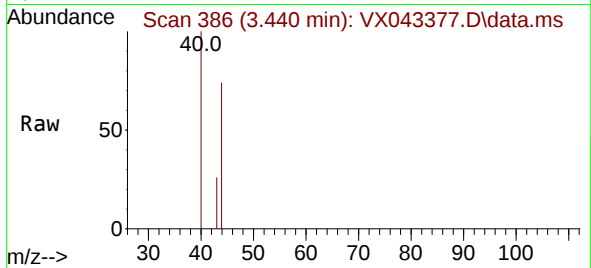




#23
 Vinyl Acetate
 Concen: 6.348 ug/l
 RT: 3.440 min Scan# 33
 Delta R.T. -0.281 min
 Lab File: VX043377.D
 Acq: 14 Oct 2024 13:10

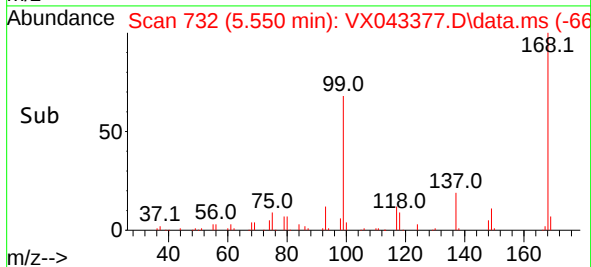
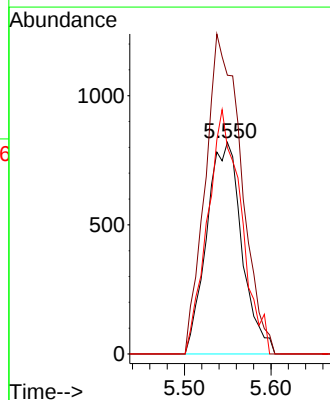
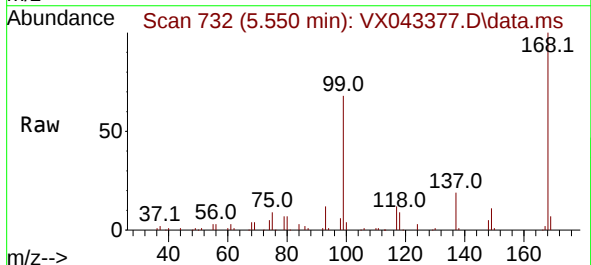
Instrument :
 MSVOA_X
 ClientSampleId :

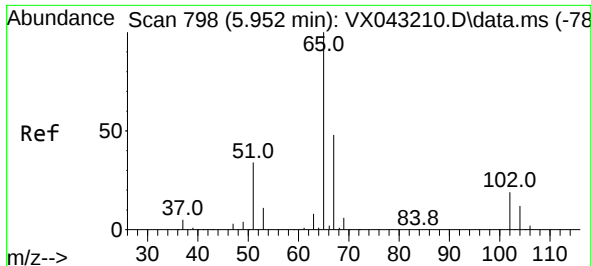
Tgt Ion: 43 Resp: 33
 Ion Ratio Lower Upper
 43 100
 86 0.0 8.8 13.2#



#31
 Cyclohexane
 Concen: 1.513 ug/l
 RT: 5.550 min Scan# 732
 Delta R.T. 0.085 min
 Lab File: VX043377.D
 Acq: 14 Oct 2024 13:10

Tgt Ion: 56 Resp: 2308
 Ion Ratio Lower Upper
 56 100
 69 131.7 25.8 38.6#
 84 97.6 71.1 106.7





#33

1,2-Dichloroethane-d4

Concen: 49.415 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX043377.D

Acq: 14 Oct 2024 13:10

Instrument :

MSVOA_X

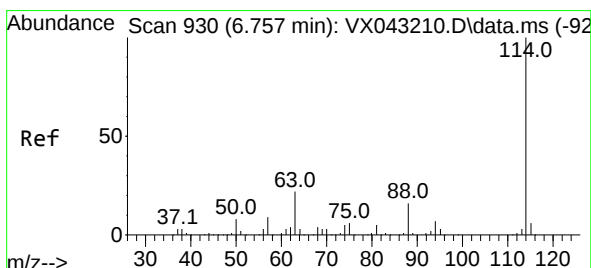
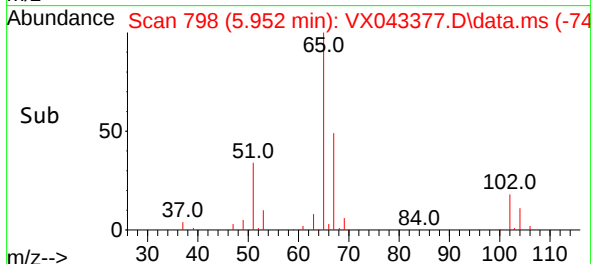
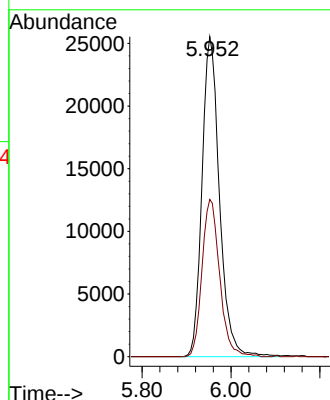
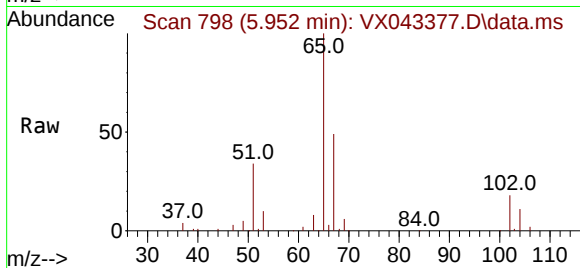
ClientSampleId :

Tgt Ion: 65 Resp: 69847

Ion Ratio Lower Upper

65 100

67 49.7 0.0 99.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.000 min

Lab File: VX043377.D

Acq: 14 Oct 2024 13:10

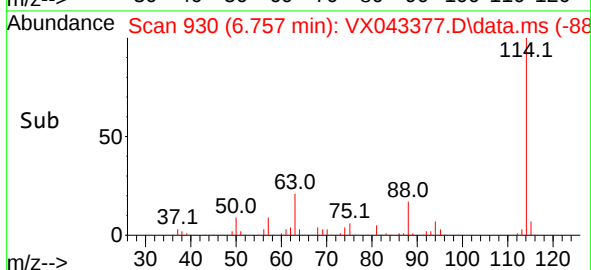
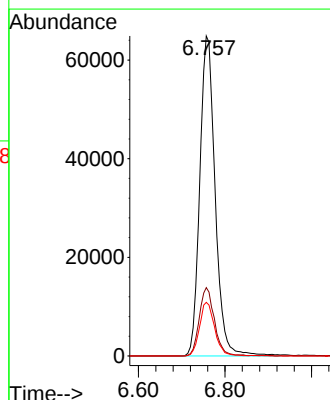
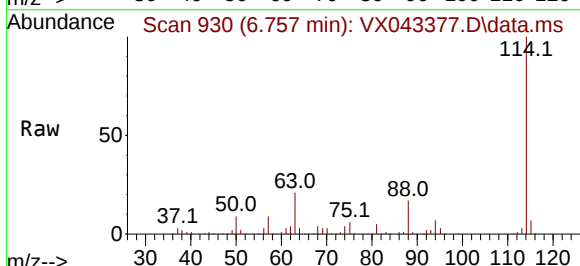
Tgt Ion: 114 Resp: 160023

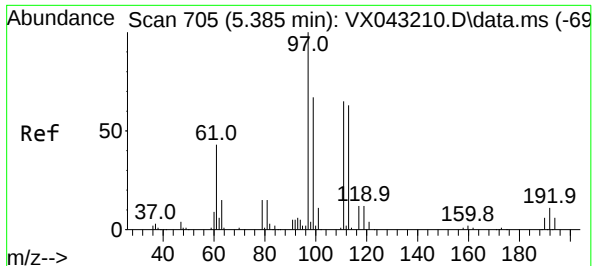
Ion Ratio Lower Upper

114 100

63 21.4 0.0 43.0

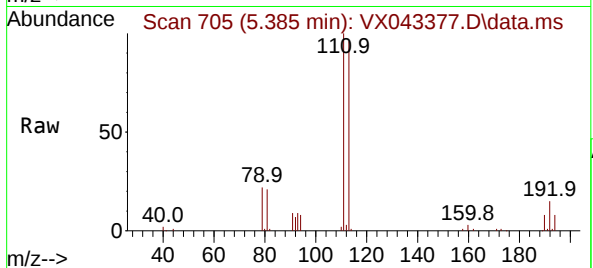
88 16.7 0.0 33.0



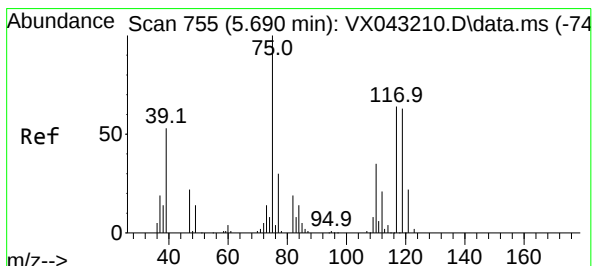
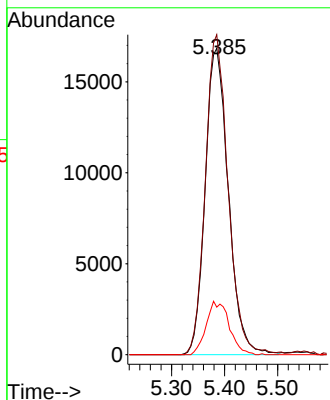
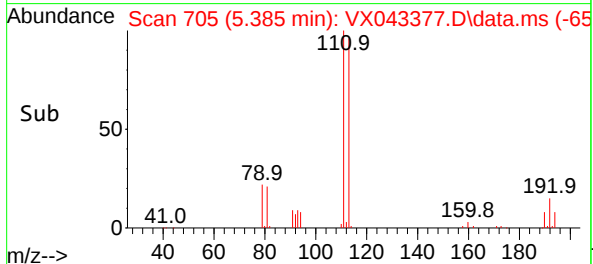


#35
Dibromofluoromethane
Concen: 46.314 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX043377.D
Acq: 14 Oct 2024 13:10

Instrument :
MSVOA_X
ClientSampleId :

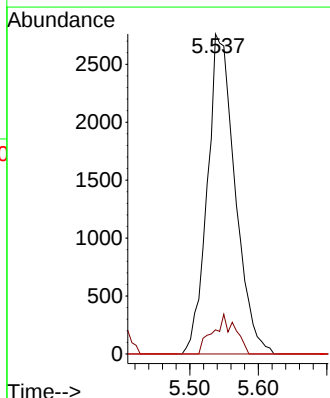
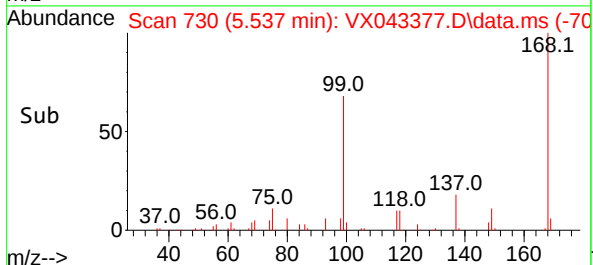
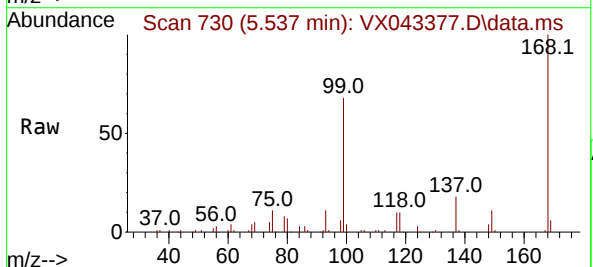


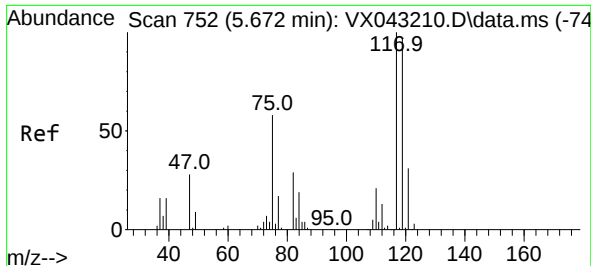
Tgt Ion:113 Resp: 51111
Ion Ratio Lower Upper
113 100
111 102.4 83.4 125.0
192 17.2 14.1 21.1



#36
1,1-Dichloropropene
Concen: 5.580 ug/l
RT: 5.537 min Scan# 730
Delta R.T. -0.153 min
Lab File: VX043377.D
Acq: 14 Oct 2024 13:10

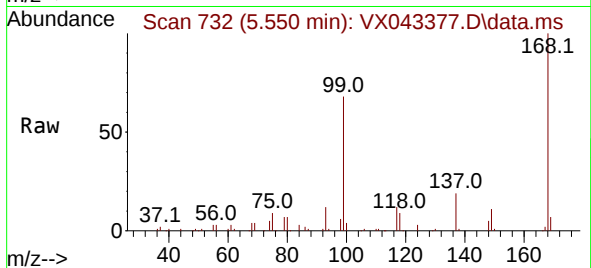
Tgt Ion: 75 Resp: 7780
Ion Ratio Lower Upper
75 100
110 9.9 17.8 53.3#
77 0.0 24.9 37.3#



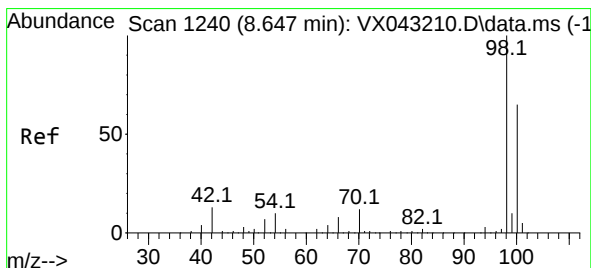
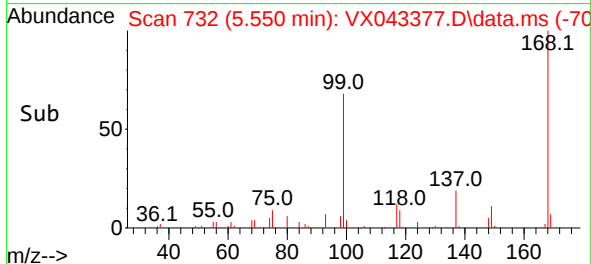
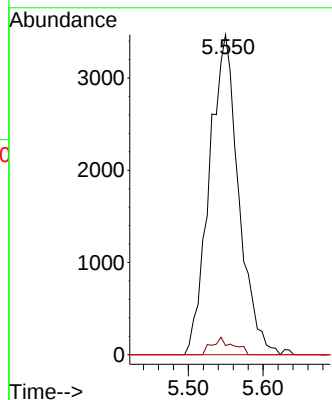


#38
Carbon Tetrachloride
Concen: 5.748 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX043377.D
Acq: 14 Oct 2024 13:10

Instrument :
MSVOA_X
ClientSampleId :

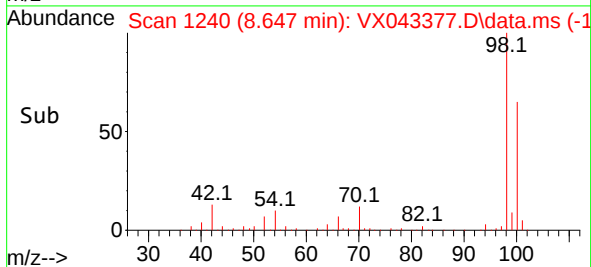
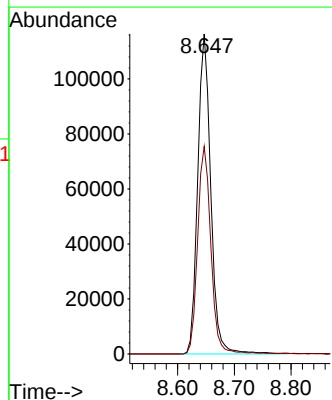
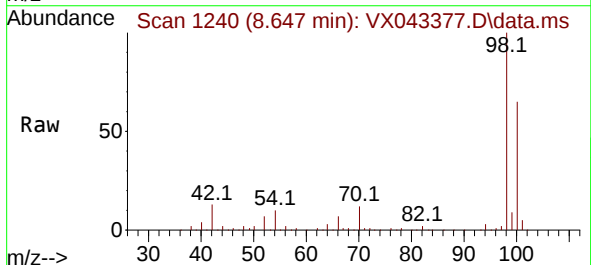


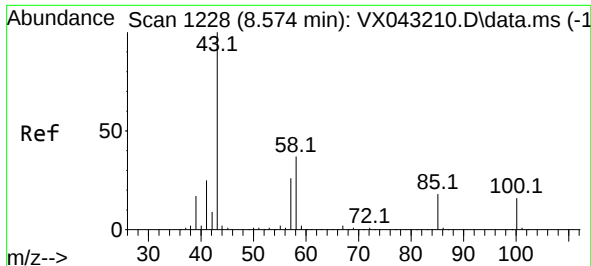
Tgt Ion:117 Resp: 9486
Ion Ratio Lower Upper
117 100
119 2.9 77.7 116.5#
121 0.0 24.3 36.5#



#50
Toluene-d8
Concen: 48.627 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX043377.D
Acq: 14 Oct 2024 13:10

Tgt Ion: 98 Resp: 185971
Ion Ratio Lower Upper
98 100
100 66.0 52.4 78.6

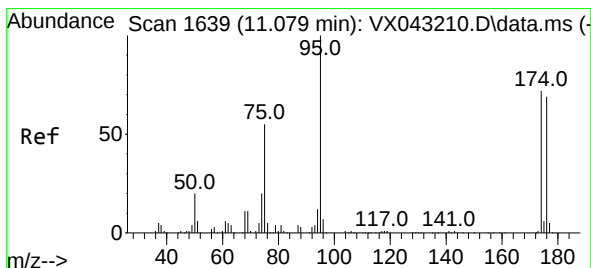
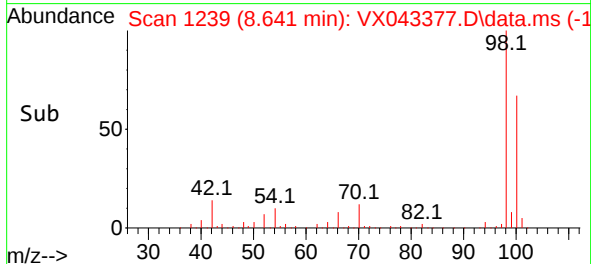
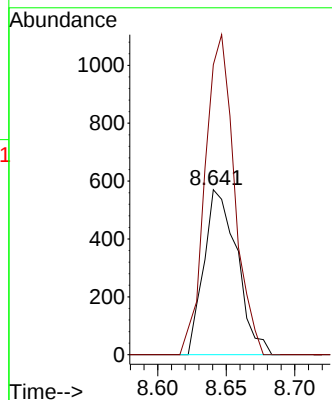
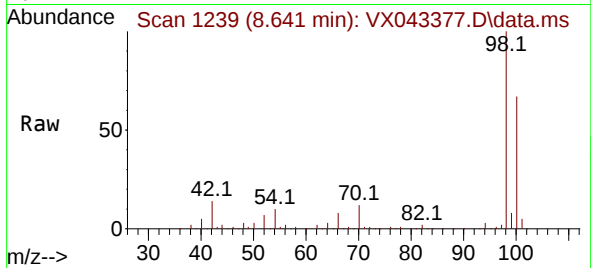




#51
4-Methyl-2-Pentanone
Concen: 0.571 ug/l
RT: 8.641 min Scan# 1228
Delta R.T. 0.067 min
Lab File: VX043377.D
Acq: 14 Oct 2024 13:10

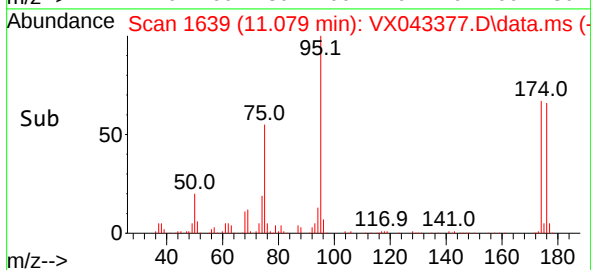
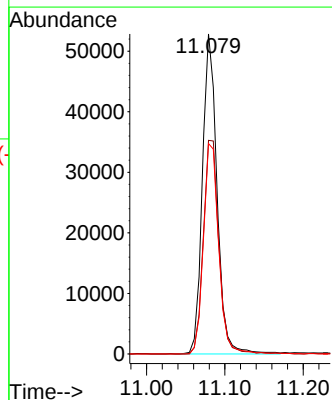
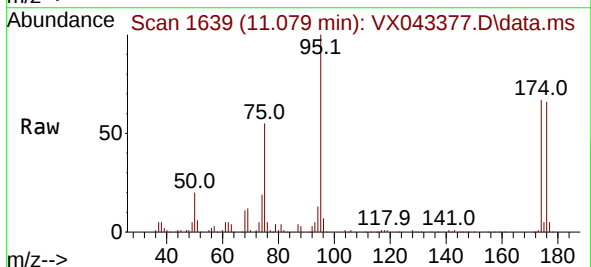
Instrument :
MSVOA_X
ClientSampleId :

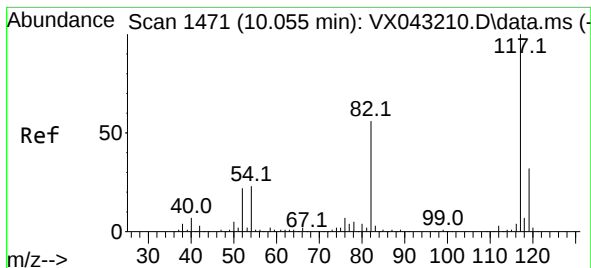
Tgt Ion: 43 Resp: 959
Ion Ratio Lower Upper
43 100
58 172.3 30.0 45.0#



#62
4-Bromofluorobenzene
Concen: 49.308 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX043377.D
Acq: 14 Oct 2024 13:10

Tgt Ion: 95 Resp: 68508
Ion Ratio Lower Upper
95 100
174 71.1 0.0 145.0
176 68.9 0.0 143.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VX043377.D

Acq: 14 Oct 2024 13:10

Instrument :

MSVOA_X

ClientSampleId :

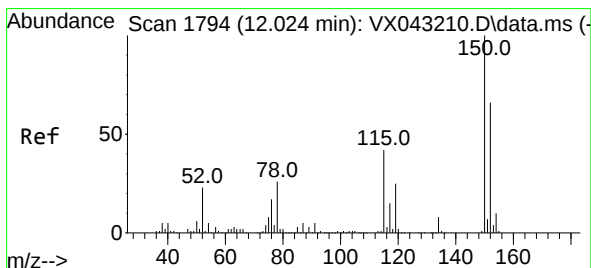
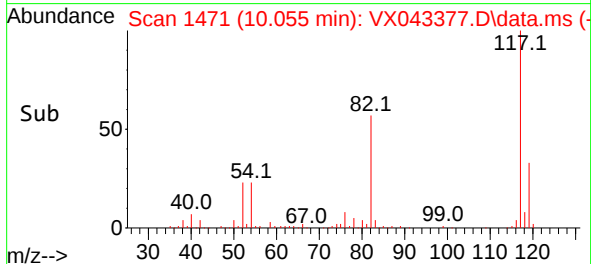
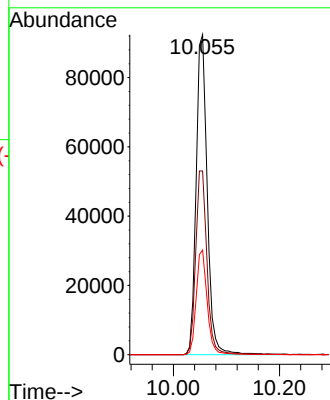
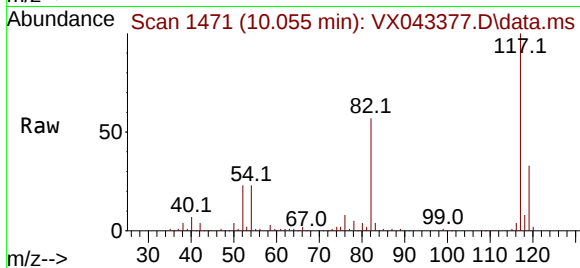
Tgt Ion:117 Resp: 134417

Ion Ratio Lower Upper

117 100

82 57.4 45.0 67.6

119 32.7 25.3 37.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. -0.000 min

Lab File: VX043377.D

Acq: 14 Oct 2024 13:10

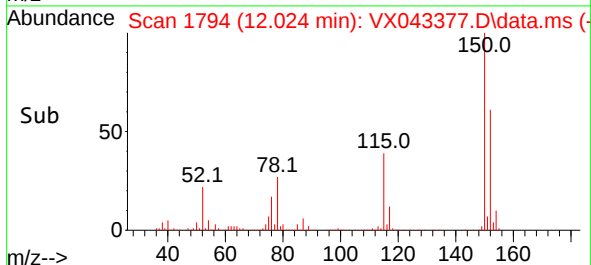
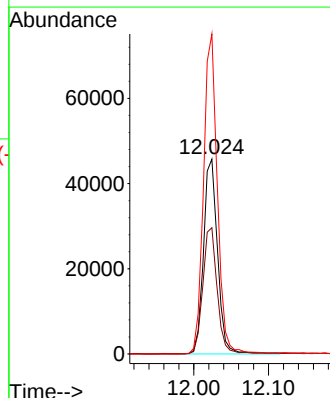
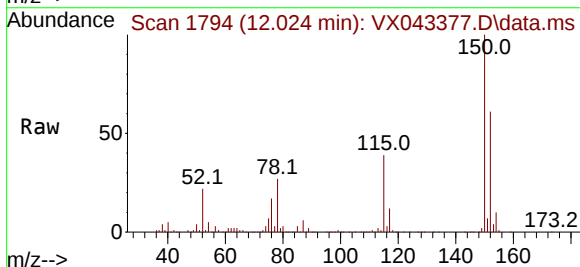
Tgt Ion:152 Resp: 59833

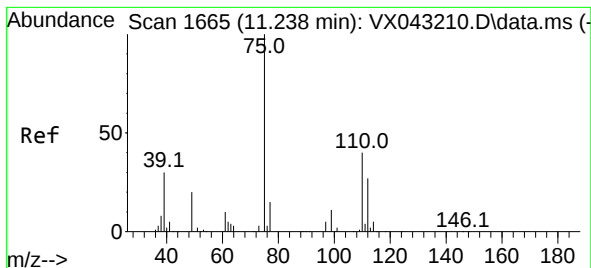
Ion Ratio Lower Upper

152 100

115 65.4 44.1 132.3

150 161.1 0.0 347.4





#76

1,2,3-Trichloropropane

Concen: 27.685 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX043377.D

Acq: 14 Oct 2024 13:10

Instrument :

MSVOA_X

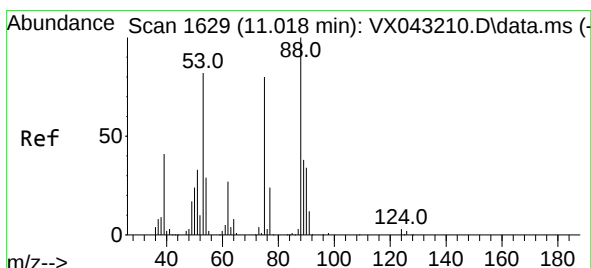
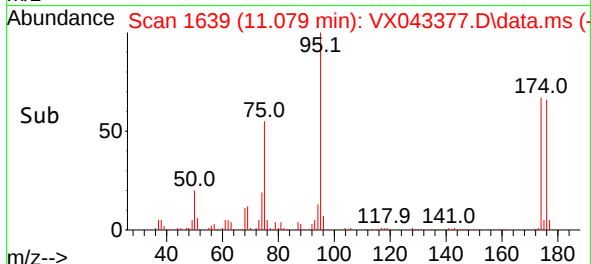
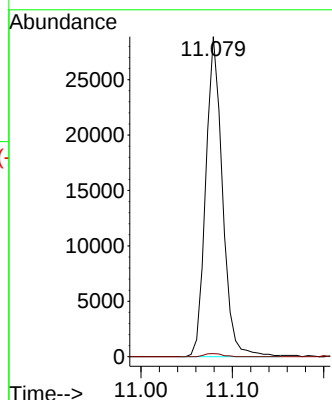
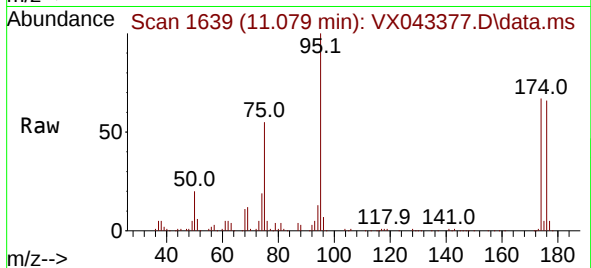
ClientSampleId :

Tgt Ion: 75 Resp: 36742

Ion Ratio Lower Upper

75 100

77 1.0 22.0 66.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 71.749 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX043377.D

Acq: 14 Oct 2024 13:10

Tgt Ion: 75 Resp: 36742

Ion Ratio Lower Upper

75 100

53 0.0 83.9 125.9#

89 0.0 38.6 58.0#

